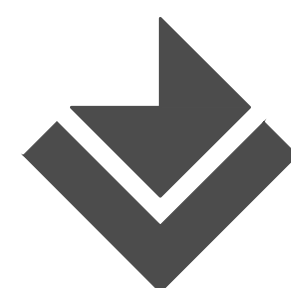


**CONSTRUCTION DOCUMENTS - FINAL BID PACKAGE**

CONSULTANTS:



**E N G I N E E R I N G   G R O U P**  
3440 38th Avenue - Suite 4  
PHONE (309) 755-3400  
MOLINE, IL. 61255  
FAX (309) 755-5522  
**CIVIL ENGINEERING AND LAND SURVEYING**  
DESIGN FIRM REGISTRATION NUMBER 184-00151

ARCHITECT/ENGINEERS:

**CANNONDESIGN**

1100 Clark Avenue  
St. Louis, Missouri 63102  
T: 314.241.6250  
F: 314.241.2570

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	Drawing Title
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## SITE SURVEY

Approved: Project Director

	Project Title
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**John J. Pershing VAMC  
Clinical & Urgent Care Addition**

Location	Poplar Bluff Missouri
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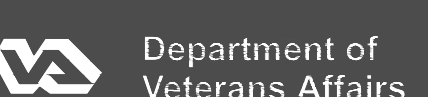
Date  
**DECEMBER 14, 2015**

Project Number  
**657-351**

Drawing Number  
A-4-10-1-1

VF-101

Office of  
Construction  
and Facilities  
Management



Revisions:	Date
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ALTERNATE PROJECT  
LIMIT LINE

## DEMOLITION NOTES

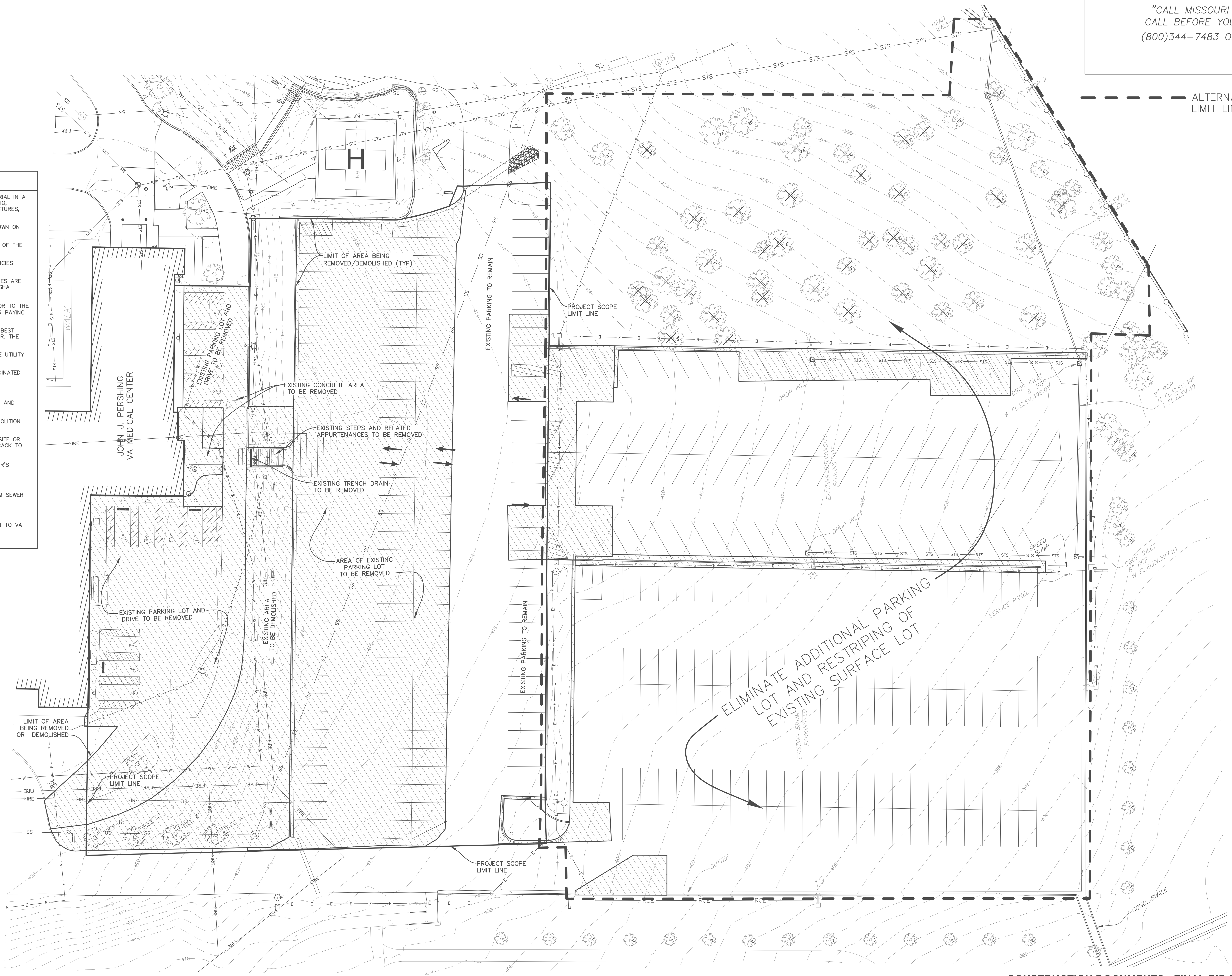
1. THE CONTRACTOR IS RESPONSIBLE FOR THE PROPER DISPOSAL OF ALL WASTE MATERIAL IN A LOCATION APPROVED BY ALL GOVERNING AUTHORITIES INCLUDING, BUT NOT LIMITED TO, STRUCTURES, FOUNDATIONS, CONCRETE, ASPHALT, STEEL, UTILITIES, DRAINAGE STRUCTURES, ETC.
2. CONTRACTOR TO DEMOLISH THE SITE SUCH THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS CAN BE CONSTRUCTED.
3. ALL UNSUITABLE MATERIAL THAT WOULD CONFLICT WITH THE PROPER CONSTRUCTION OF THE PROPOSED IMPROVEMENTS SHALL BE REMOVED.
4. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS FROM ALL GOVERNING AGENCIES PRIOR TO THE START OF SITE DEMOLITION.
5. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THAT ALL EXISTING UTILITY SERVICES ARE DISCONNECTED OR PROTECTED PRIOR TO THE START OF DEMOLITION OF THE SITE. OSHA APPROVED "LOCK OUT" AND "TAG OUT" METHODS.
6. THE CONTRACTOR SHALL COORDINATE WITH THE RESPECTIVE UTILITY COMPANIES PRIOR TO THE REMOVAL AND/OR RELOCATION OF UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR PAYING ALL FEES AND CHARGES ASSOCIATED WITH UTILITY COORDINATION.
7. THE EXISTING UTILITIES SHOWN ON THE PLANS HAVE BEEN LOCATED BASED ON THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY.
8. PRIOR TO THE START OF ANY SITE DEMOLITION, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES FOR ONSITE LOCATIONS OF EXISTING UTILITIES.
9. ALL UTILITIES THAT ARE REQUIRED TO BE REMOVED OR RELOCATED SHALL BE COORDINATED WITH THE APPROPRIATE UTILITY COMPANY PRIOR TO THE START OF DEMOLITION.
10. SEE SPECIFICATION 0100.00 FOR CONSTRUCTION FENCING.
11. SITE DEMOLITION SHALL NOT CONFLICT WITH ACCESS TO ADJACENT SITES OR TRAFFIC AND PEDESTRIAN FLOW IN ADJACENT PUBLIC R.O.W.'S.
12. ALL EROSION CONTROL DEVICES ARE TO BE INSTALLED PRIOR TO THE START OF DEMOLITION ACTIVITY.
13. ANY IMPROVEMENTS, STRUCTURES, PAVEMENTS UTILITIES OR PROPERTY, EITHER ON-SITE OR OFF-SITE, THAT BECOMES DAMAGED DURING SITE DEMOLITION SHALL BE REPLACED BACK TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
14. DAMAGE TO ALL EXISTING CONDITIONS TO REMAIN WILL BE REPLACED AT CONTRACTOR'S EXPENSE.
15. ALL PARKING LOT STRIPING AS SHOWN, TO BE REMOVED.
16. REMOVAL LIMITS OF BITUMINOUS TO BE ADJUSTED AS REQUIRED TO COMPLETE STORM SEWER CONSTRUCTION.
17. CONTRACTOR SHALL REFERENCE THE GC-104 FOR DEMOLITION SEQUENCE.
18. CONTRACTOR SHALL SALVAGE ALL REMOVED SIGNAGE AND LIGHT POLES AND RETURN TO VA UNDAMAGED.
19. CONTRACTOR SHALL INSTALL "LOT" SIGNAGE TO LIGHT POLES.

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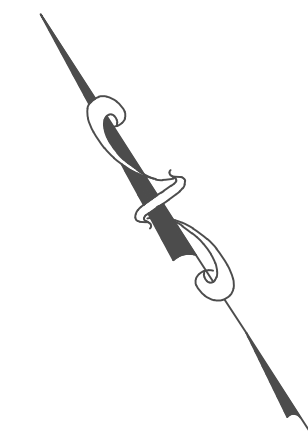
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## LEGEND

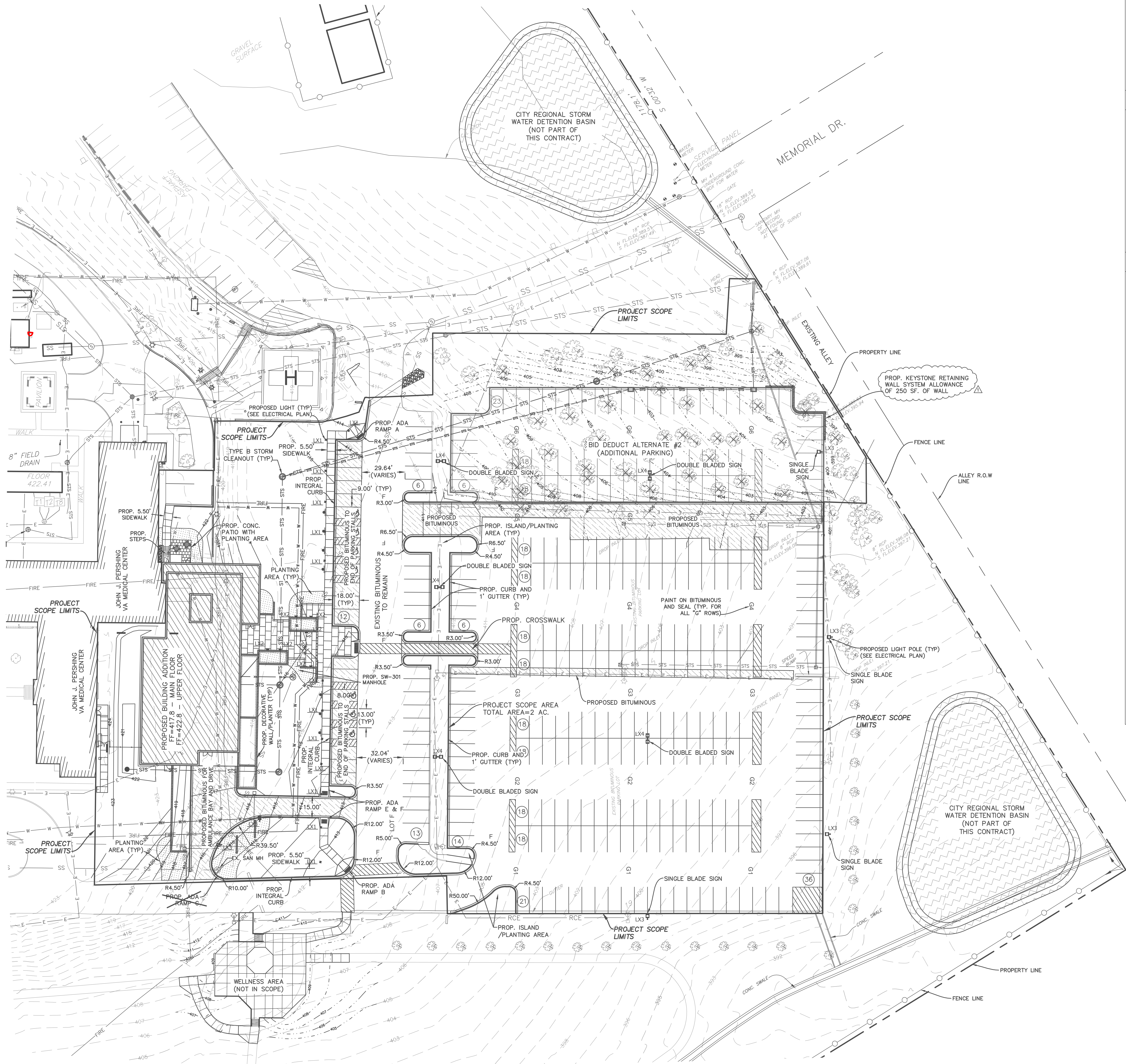
- PROPERTY LINE
- EXISTING CONTOUR MAJOR
- EXISTING CONTOUR MINOR
- SANITARY SEWER LINE
- SANITARY MANHOLE
- STORM SEWER LINE
- STORM MANHOLE
- WATER MAIN
- FIRE PROTECTION LINE
- FIRE HYDRANT
- WATER VALVE
- ELECTRIC LINE
- LIGHT POLE
- LANDSCAPING LIGHT
- SIGN
- BUSH
- TREE







SCALE 1" = 30'



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GENERAL NOTES:

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2. ADA STALLS TO BE CONSTRUCTED AND STRIPED PER DETAIL. SEE DETAIL SHEETS.
3. ADA RAMP PER ABAAS AND VA BARRIER FREE DESIGN GUIDE. SEE DETAIL SHEETS.
4. ALL SIDEWALK THAT ABUTS CURB SHALL BE INTEGRAL CURB PER DETAIL. SEE DETAIL SHEETS.
5. CONTRACTOR SHALL FIELD VERIFY ALL UTILITIES.
6. SEE ARCHITECT PAGES WITHIN PLAN SET FOR STEP INFORMATION AND DETAILS.
7. BID ALTERNATE #2 - ELIMINATION OF ADDITIONAL PARKING AREA & RE-STRIPING. SEE SHEET CS-101A.

GENERAL CONSTRUCTION NOTES

1. ALL SITE WORK AND GRADING OPERATIONS WITHIN THE LIMITS OF THIS PROJECT SHALL BE DONE IN ACCORDANCE WITH THE CURRENT EDITION, AND ALL REVISIONS OF THE MISSOURI DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. THE CONTRACTOR SHALL ALSO FOLLOW ALL STATE, COUNTY AND LOCAL JURISDICTIONAL ORDINANCES AND REQUIREMENTS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS FOR CONSTRUCTION ALONG OR ACROSS EXISTING STREETS OR HIGHWAYS. THE CONTRACTOR SHALL MAKE ARRANGEMENTS FOR THE PROPER BRACING, SHORING AND OTHER REQUIRED PROTECTION OF ALL ROADWAYS BEFORE CONSTRUCTION BEGINS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE STREETS OF ROADWAYS AND ASSOCIATED STRUCTURES AND SHALL MAKE REPAIRS AS NECESSARY TO THE SATISFACTION OF THE OWNER.
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4. EASEMENTS FOR EXISTING UTILITIES, BOTH PUBLIC AND PRIVATE, AND UTILITIES WITH PUBLIC RIGHT OF WAY ARE SHOWN ON THE PLANS. ACCORDING TO INFORMATION AVAILABLE IN THE RECORDS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION IN THE FIELD OF THESE UTILITY LINES AND THEIR PROTECTION FROM DAMAGE DUE TO CONSTRUCTION OPERATIONS. IF EXISTING UTILITY LINES OF ANY NATURE ARE ENCOUNTERED WHICH CONFLICT IN LOCATION WITH NEW CONSTRUCTION THE CONTRACTOR SHALL NOTIFY THE CONTRACTING OFFICERS REPRESENTATIVE SO THAT THE CONFLICT MAY BE RESOLVED.
5. BEFORE ACCEPTANCE BY THE OWNER AND FINAL PAYMENT, ALL WORK SHALL BE INSPECTED AND APPROVED BY THE OWNER AND MUNICIPALITY.
6. THE CONTRACTOR SHALL GUARANTEE HIS WORK FOR A PERIOD OF ONE YEAR FROM THE DATE OF ACCEPTANCE AND SHALL BE HELD RESPONSIBLE FOR ANY DEFECTS IN MATERIAL OR WORKMANSHIP DURING THAT PERIOD.
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8. CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF BUILDING.
9. ALL DIMENSIONS AND RADII ARE TO THE BACK OF CURB UNLESS OTHERWISE NOTED.
10. FOR BID ALTERNATE #5 PARKING RE-STRIPING, REMOVE EXISTING STRIPING, PROVIDE SEAL-COAT AND RE-STRIPES AS SHOWN ON CS-101A.
11. LOT "G" IS FOR VISITORS ONLY.
12. LOT "F" IS FOR PATIENT/VISITORS ONLY.
13. REFERENCE VA TIL 4" WIDE AND 36" HIGH LOT LETTERS, SHALL BE PAINTED IN YELLOW LETTERS AT THE END OF EACH PARKING ROW AS IT INTERSECTS A ROW OR DRIVE.
14. BLADE SIGN & LIGHT POLE PER VA TIL PL-12.06, ALL POLES SHALL BE "HOT DIPPED" GALVANIZED AND PAINTED IN ACCORDANCE WITH SPECIFICATIONS.
15. LOT "F" INFORMATION SIGN AT EACH ENTRANCE PER VA TIL PL-12.03, PATIENT/VISITORS ONLY.
16. YELLOW 4" STRIPING WIDTH OVER ASPHALTIC SEAL.

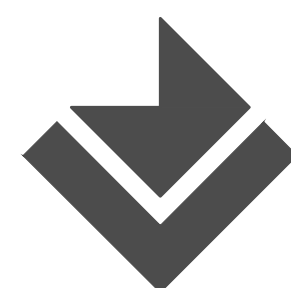
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LEGEND

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- - - R.O.W. LINE
- - - EX. CONTOUR MAJOR
- - - EX. CONTOUR MINOR
- - - PROPOSED CONTOUR MAJOR (BASE)
- - - PROPOSED CONTOUR MINOR (BASE)
- - - PROPOSED CONTOUR MAJOR (ALT)
- - - PROPOSED CONTOUR MINOR (ALT)
- - - EX. WATER MAIN
- - - EX. FIRE PROTECTION LINE
- - - EX. FIRE HYDRANT
- - - EX. WATER VALVE
- - - PROP. FIRE PROTECTION LINE
- - - PROPOSED WATER MAIN
- - - EX. SANITARY SEWER LINE
- - - EX. SANITARY MANHOLE
- - - PROPOSED SANITARY SEWER LINE
- - - PROP. SW-301 SANITARY MANHOLE
- - - EX. STORM SEWER LINE
- - - EX. STORM MANHOLE
- - - PROPOSED STORM SEWER
- - - PROPOSED TYPE B CLEANOUT
- - - PROPOSED SW-503 STORM INLET
- - - PROPOSED SW-512 STORM INLET
- - - EX. ELECTRIC LINE

CONSULTANTS:



**Landmark**  
ENGINEERING GROUP

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CIVIL ENGINEERING AND LAND SURVEYING

DESIGN FIRM REGISTRATION NUMBER 184-001511


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**CANNONDESIGN**

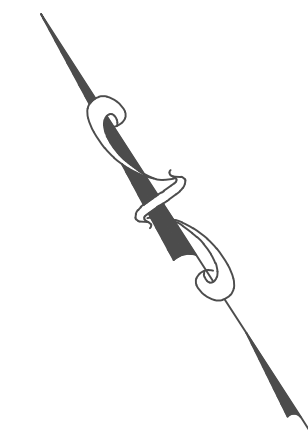
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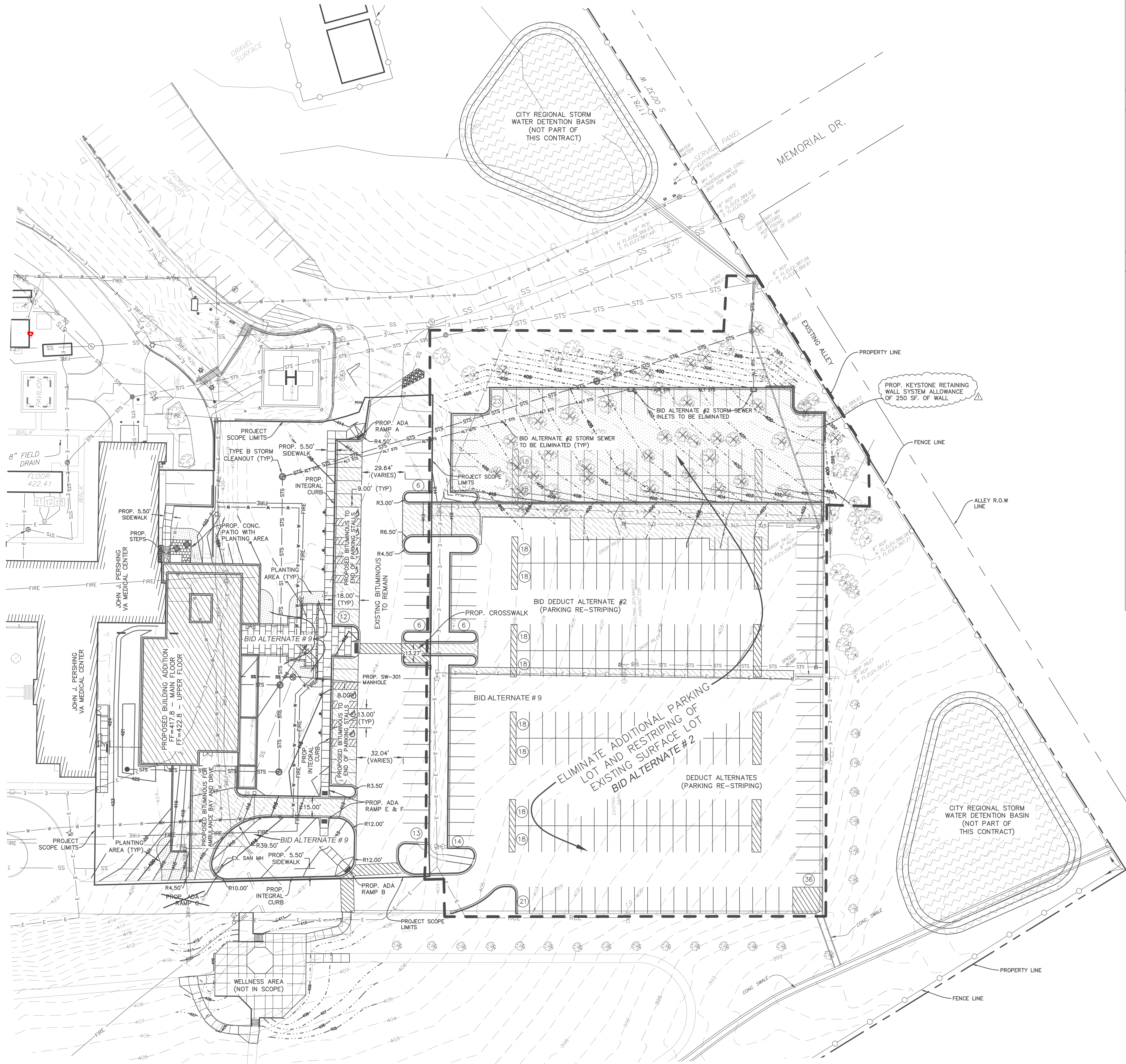
CONSTRUCTION DOCUMENTS - FINAL BID PACKAGE

Drawing Title  <b>SITE PLAN</b>	Project Title  <b>John J. Pershing VAMC Clinical &amp; Urgent Care Addition</b>		Project Number <b>657-351</b> <small>CANNON DESIGN PROJECT NO. 0380.05</small>		Office of Construction and Facilities Management
	Building Number				
Approved: Project Director	Location  <b>Poplar Bluff Missouri</b>		Drawing Number  <b>CS-101</b>		 Department of Veterans Affairs
	Date <b>DECEMBER 14, 2015</b>	Checked <b>GLM</b>	Drawn <b>HLG</b>		
			Dwg. of		





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----- ALTERNATE PROJECT  
LIMIT LINE

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- EX. ELECTRIC LINE

CONSTRUCTION DOCUMENTS - FINAL BID PACKAGE

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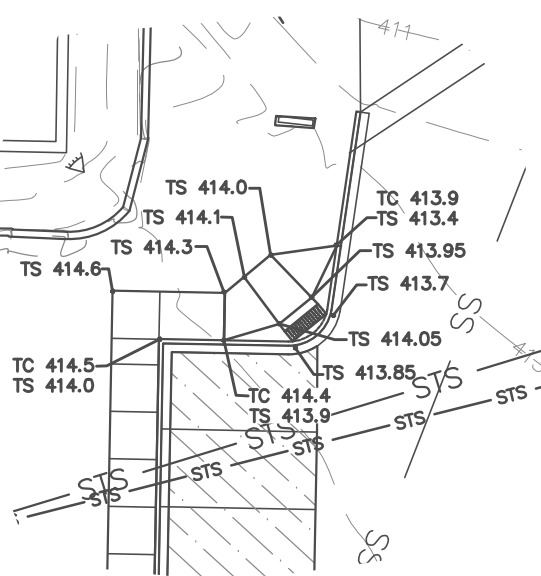
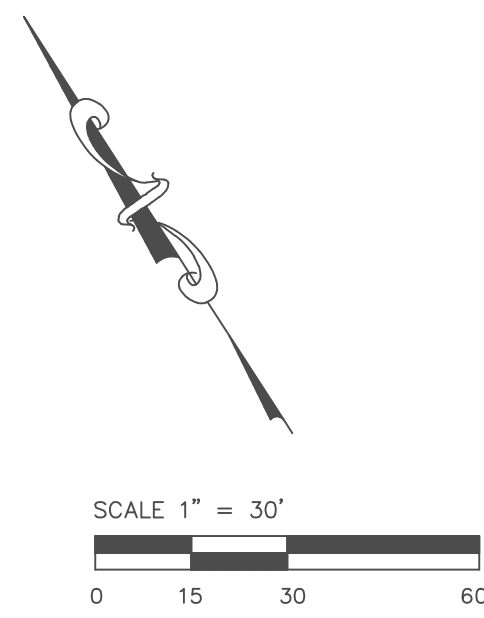
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CALL BEFORE YOU DIG"  
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## PAVEMENT NOTES

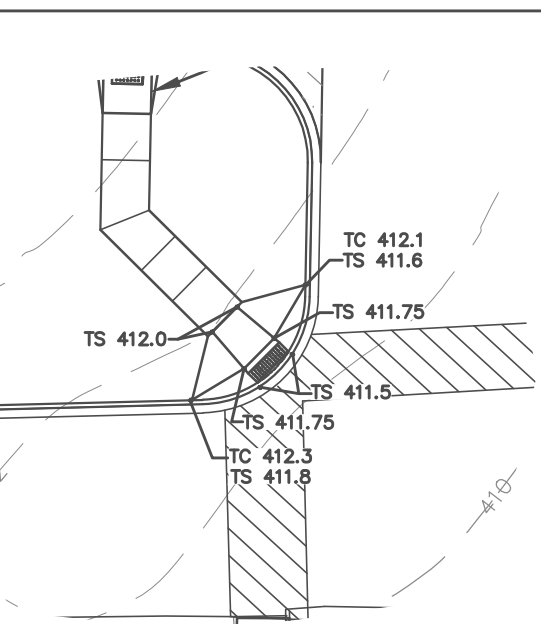
1. SUBGRADE MATERIAL HAVING AN IBV LESS THAN 8.0 SHALL BE REMOVED AND REPLACED WITH SUITABLE FILL MATERIAL OR THE PAVEMENT MUST BE DESIGNED TO COMPENSATE FOR THE EXISTING SOIL CONDITIONS.
2. SIDEWALKS SHALL BE CONSTRUCTED OF PORTLAND CEMENT CONCRETE TO A MINIMUM THICKNESS OF FIVE (5) INCHES. ALL SIDEWALKS SHALL HAVE A MINIMUM OF A 6 BAG MIX WITH A MINIMUM OF 28 DAY COMPRESSIVE STRENGTH OF 4000 PSI. THE SIDEWALKS, WHEN CONSTRUCTED, SHALL CONTAIN NOT LESS THAN FOUR (4) PERCENT, NO MORE THAN SEVEN (7) PERCENT ENTRAINED AIR. THE SLUMP SHALL BE NOT LESS THAN TWO (2) INCHES, NOT MORE THAN FOUR (4) INCHES. SEE SPEC. 03 30 00.
3. ALL EXPOSED CONCRETE WORK INCLUDING SIDEWALKS AND CURBS MUST HAVE CURING COMPOUND APPLIED IN ACCORDANCE WITH THE STATE STANDARDS. SEE SPEC. 03 30 00.
4. THE CONSTRUCTION OF ALL PAVEMENT, CURBS AND GUTTERS, AND SIDEWALK IMPROVEMENTS, INCLUDING THE USE OF ALL MACHINERY, EQUIPMENT AND TOOLS, AND THE FURNISHING OF ALL MATERIALS, AND THE CONSTRUCTION OF ALL OTHER WORK NECESSARY TO COMPLETE THE PROPOSED IMPROVEMENTS, SHALL BE CONSTRUCTED ACCORDING TO THE REQUIREMENTS AS OUTLINED IN THE STATE'S STANDARD SPECIFICATIONS. THE MATERIAL FOR THOSE IMPROVEMENTS SHALL BE IN CONFORMANCE WITH THE APPROPRIATE SECTION OF THE STATE STANDARD SPECIFICATIONS.
5. ALL EXISTING MANHOLES AND BASINS SHALL BE ADJUSTED TO MEET FINISHED GRADE. THIS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
6. ALL PHASES OF PAVING IMPROVEMENTS SHALL BE SUBJECT TO PERIODIC INSPECTION BY A REPRESENTATIVE OF THE ENGINEER.
7. ALL PAVING IMPROVEMENTS INSTALLED WILL BE SUBJECT TO TESTING, AS PROVIDED FOR IN THE SPECIFICATIONS. IF ANY IMPROVEMENTS ARE FOUND TO BE DEFECTIVE IN WORKMANSHIP OR MATERIALS, THEY SHALL BE REMOVED AND REPLACED AT NO COST TO THE OWNER.

## SOIL EROSION CONTROL NOTES

1. THE EROSION CONTROL MEASURES INCLUDED IN THE ENVIRONMENTAL PROTECTION PLAN SHALL BE INSTALLED PRIOR TO INITIAL LAND DISTURBANCE ACTIVITIES OR AS SOON AS PRACTICAL. SEDIMENT SHALL BE PREVENTED FROM DISCHARGING FROM THE PROJECT SITE BY INSTALLING AND MAINTAINING SILT FENCE, SEDIMENT BASINS, ETC. AS SHOWN ON THIS PLAN. IF SHOWN ON THESE PLANS, ENERGY-DISSIPATION DEVICES OR EROSION CONTROL AT THE OUTFALL OF THE STORM SEWER SYSTEM SHALL BE INSTALLED AT THE TIME OF THE CONSTRUCTION OF THE OUTFALL. SEE SPEC. 01 57 19.
2. THE CONTRACTOR SHALL CONTROL WASTES, GARBAGE, DEBRIS, WASTEWATER, AND OTHER SUBSTANCES ON THE SITE IN SUCH A WAY THAT THEY SHALL NOT BE TRANSPORTED FROM THE SITE BY THE ACTION OF WINDS, STORM WATER RUNOFF, OR OTHER FORCES. PROPER DISPOSAL OR MANAGEMENT OF ALL WASTES AND UNUSED BUILDING MATERIAL, APPROPRIATE TO THE NATURE OF THE WASTE OR MATERIAL IS REQUIRED. COMPLIANCE IS REQUIRED WITH ALL STATE OR LOCAL REGULATIONS REGARDING WASTE DISPOSAL, SANITARY SEWER, OR SEPTIC SYSTEMS.
3. PUBLIC OR PRIVATE ROADWAYS SHALL BE KEPT CLEARED OF ACCUMULATED SEDIMENT. BULK CLEARING OF ACCUMULATED SEDIMENT SHALL NOT INCLUDE FLUSHING THE AREA WITH WATER. CLEARED SEDIMENT SHALL BE RETURNED TO THE POINT OF LIKELY ORIGIN OR OTHER SUITABLE LOCATION.
4. ALL ON-SITE STORM DRAIN INLETS SHALL BE PROTECTED AGAINST SEDIMENTATION PER ALL STATE OR LOCAL REGULATIONS AS SHOWN ON THESE PLANS.
5. EXCEPT AS PREVENTED BY INCLEMENT WEATHER CONDITIONS, ALL DISTURBED AREAS TO REMAIN INACTIVE FOR MORE THAN 14 DAYS SHALL BE STABILIZED BY SEEDING, SODDING, MULCHING, COVERING, OR BY OTHER EQUIVALENT EROSION CONTROL MEASURES WITHIN SEVEN (7) DAYS OF LEAVING THE SITE. PERMANENT SOIL STABILIZATION SHALL BE PROVIDED WITHIN 7 DAYS AFTER FINAL GRADE IS ESTABLISHED.
6. THIS ENVIRONMENTAL PROTECTION PLAN SHALL BE IMPLEMENTED ON ALL DISTURBED AREAS WITHIN THE CONSTRUCTION SITE. ALL MEASURES INVOLVING EROSION CONTROL PRACTICES SHALL BE INSTALLED UNDER THE GUIDANCE OF QUALIFIED PERSONNEL EXPERIENCED IN EROSION CONTROL, AND FOLLOWING THE PLANS AND SPECIFICATIONS INCLUDED HEREIN. SEE SPEC. 01 57 19.
7. DURING THE PERIOD OF CONSTRUCTION ACTIVITY, ALL SEDIMENT BASINS AND OTHER EROSION CONTROL MEASURES SHALL BE MAINTAINED BY THE CONTRACTOR. AT COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL COORDINATE THE TRANSFER OF MAINTENANCE RESPONSIBILITIES, IF REQUIRED, WITH THE OWNER. MAINTENANCE SHALL BE IN ACCORDANCE WITH THE ENVIRONMENTAL PROTECTION PLAN. SEE SPEC. 01 57 19.
8. EXISTING VEGETATION SHALL BE PROTECTED AS MUCH AS PRACTICAL. REPLACE IF DAMAGED.
9. ALL EROSION AND SEDIMENT CONTROLS SHALL BE INSPECTED IN ACCORDANCE WITH THE CONDITIONS OF APPLICABLE NPDES PERMITS. PERMITTING REQUIRED, CONTRACTOR TO PROCURE BEFORE WORK BEGINS.
10. ALL TEMPORARY EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE REMOVED AND DISPOSED OF WITHIN THIRTY DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY PRACTICES ARE NO LONGER NEEDED. TRAPPED SEDIMENT SHALL BE PERMANENTLY STABILIZED TO PREVENT FURTHER EROSION.
11. THE ENVIRONMENTAL PROTECTION PLAN MUST BE RETAINED ON-SITE AT ALL TIMES DURING THE PERIOD OF CONSTRUCTION.
12. SHOULD A TOPSOIL STOCKPILE REMAIN IN PLACE FOR MORE THAN 3 DAYS, EROSION CONTROL MEASURE SHALL BE PROVIDED BY THE CONTRACTOR.
13. ALL EROSION AND SEDIMENTATION CONTROL SHALL CONFORM TO LOCAL ORDINANCES AND ILLINOIS URBAN MANUAL.
14. CONTRACTOR SHALL ADHERE TO STORM WATER POLLUTION PREVENTION PLAN AS REQUIRED BY NPDES PERMIT.



SIDEWALK RAMP A (NTS)



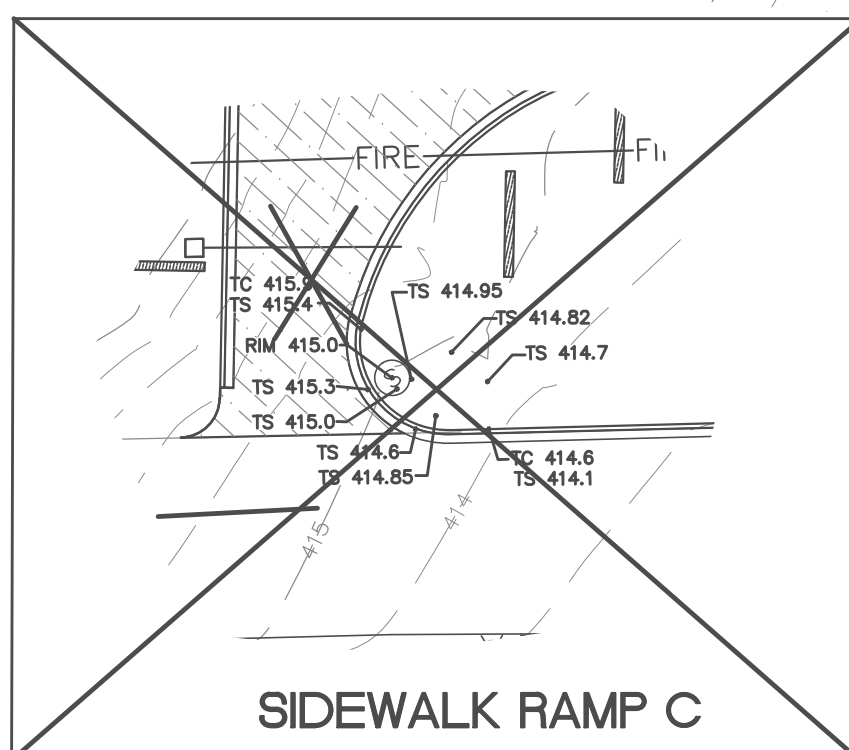
SIDEWALK RAMP B (NTS)

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## LEGEND

- PROPERTY LINE
- R.O.W. LINE
- 420 EX. CONTOUR MAJOR
- 419 EX. CONTOUR MINOR
- 420 PROPOSED CONTOUR MAJOR (BASE)
- 419 PROPOSED CONTOUR MINOR (BASE)
- 420 PROPOSED CONTOUR MAJOR (ALT)
- 419 PROPOSED CONTOUR MINOR (ALT)
- W EX. WATER MAIN
- FIRE EX. FIRE PROTECTION LINE
- EX. FIRE HYDRANT
- EX. WATER VALVE
- FIRE PROP. FIRE PROTECTION LINE
- W SS PROPOSED WATER MAIN
- SS EX. SANITARY SEWER LINE
- SS SS PROPOSED SANITARY SEWER LINE
- SS SS PROP. SW-301 SANITARY MANHOLE
- STS EX. STORM SEWER LINE
- STS EX. STORM MANHOLE
- STS PROPOSED STORM SEWER
- EX. PROPOSED TYPE B CLEANOUT
- EX. PROP. SW-503 STORM INLET
- EX. PROP. SW-512 STORM INLET
- E EX. ELECTRIC LINE
- SILT FENCE
- TC TOP OF CONCRETE
- T/P TOP OF PAVEMENT
- T/SW TOP OF SIDEWALK
- TG TOP OF GROUND
- TW/BW TOP OF WALL/BOTTOM OF WALL



SIDEWALK RAMP C

## CONSULTANTS:



**Landmark**  
ENGINEERING GROUP  
3440 38th Avenue - Suite 4  
PHONE: (309) 755-9400  
CIVIL ENGINEERING AND LAND SURVEYING  
DESIGN FIRM REGISTRATION NUMBER 184-001511

## ARCHITECT/ENGINEERS:

**CANNONDESIGN**

1100 Clark Avenue  
St. Louis, Missouri 63102  
T: 314.241.6250  
F: 314.241.2570

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GRADING AND DRAINAGE PLAN

Drawing Title

Approved: Project Director

Project Title

John J. Pershing VAMC  
Clinical & Urgent Care Addition

Location

Poplar Bluff Missouri

Date

DECEMBER 14, 2015

Checked

GLM

Drawn

HLG

Project Number

657-351  
CANNON DESIGN PROJECT NO. 03050.05

Building Number

Drawing Number

CS-102

Dwg. of

Office of  
Construction  
and Facilities  
Management



## CONSTRUCTION DOCUMENTS - FINAL BID PACKAGE



1. THE EROSION CONTROL MEASURES INCLUDED IN THE ENVIRONMENTAL PROTECTION PLAN SHALL BE INSTALLED PRIOR TO INITIAL LAND DISTURBANCE ACTIVITIES OR AS SOON AS PRACTICAL. SEDIMENT SHALL BE PREVENTED FROM DISCHARGING FROM THE PROJECT SITE BY INSTALLING AND MAINTAINING SLOTTED FENCE SEDIMENT BARRIERS SHOWN ON THIS PLAN, IF SHOWN ON THESE PLANS. ENERGY-DISSIPATION DEVICES OR EROSION CONTROL AT THE OUTFALL OF THE STORM SEWER SYSTEM SHALL BE INSTALLED AT THE TIME OF THE CONSTRUCTION OF THE OUTFALL. SEE SPEC. 01 57 19.
2. THE CONTRACTOR SHALL CONTROL WASTES, GARBAGE, DEBRIS, WASTEWATER, AND OTHER SUBSTANCES ON THE SITE IN SUCH A WAY THAT THEY SHALL NOT BE PREPARED FROM THE DAMAGE BY THE ACTION OF WINDS, STORM WATER RUNOFF, OR OTHER FORCES. PROPER DISPOSAL OR MANAGEMENT OF ALL WASTES AND UNUSED BUILDING MATERIAL, APPROPRIATE TO THE NATURE OF THE WASTE OR MATERIAL IS REQUIRED. CONTRACTOR SHALL COMPLY WITH ANY STATE OR LOCAL REGULATIONS REGARDING WASTE DISPOSAL, SANITARY SEWER, OR SEPTIC SYSTEMS.
3. PUBLIC OR PRIVATE ROADWAYS SHALL BE KEPT CLEARANCE OF ACCUMULATED SEDIMENT. BULK CLEARING OF ACCUMULATED SEDIMENT SHALL NOT INCLUDE FLUSHING THE AREA WITH WATER. CLEARED SEDIMENT SHALL BE RETURNED TO THE POINT OF LIKELY ORIGIN OR OTHER SUITABLE LOCATION.
4. ALL ON-SITE STORM DRAIN INLETS SHALL BE PROTECTED AGAINST SEDIMENTATION PER ALL STATE OR LOCAL REGULATION AS SHOWN IN THESE PLANS.
5. EXCEPT AS PREVENTED BY ELEMENT WEATHER CONDITIONS, ALL DISTURBED AREAS TO REMAIN EXPOSED FOR MORE THAN 14 DAYS SHALL BE STABILIZED BY SEEDING, SOODING, MULCHING, COVERING, OR BY OTHER EQUIVALENT EROSION CONTROL MEASURES WITHIN SEVEN (7) DAYS OF LEAVING THE SITE. PERMANENT SOIL STABILIZATION SHALL BE PROVIDED WITHIN 7 DAYS AFTER FINAL GRADE IS ESTABLISHED.
6. THIS ENVIRONMENTAL PROTECTION PLAN SHALL BE IMPLEMENTED ON ALL DISTURBED AREAS WITHIN THE CONSTRUCTION SITE. ALL MEASURES INVOLVING EROSION CONTROL PRACTICES SHALL BE INSTALLED UNDER THE GUIDANCE OF QUALIFIED PERSONNEL EXPERIENCED IN EROSION CONTROL, AND FOLLOWING THE PLANS AND SPECIFICATIONS INCLUDED HEREIN. SEE SPEC. 01 57 19.
7. DURING THE PERIOD OF CONSTRUCTION ACTIVITY, ALL SEDIMENT BASINS AND OTHER EROSION CONTROL MEASURES SHALL BE MAINTAINED. WHEN FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY PRACTICES ARE NO LONGER NEEDED, TRAPPED SEDIMENT SHALL BE PERMANENTLY STABILIZED TO PREVENT FURTHER EROSION.
8. EXISTING VEGETATION SHALL BE PROTECTED AS MUCH AS PRACTICAL. REPLACE IF DAMAGED.
9. ALL EROSION AND SEDIMENT CONTROLS SHALL BE INSPECTED IN ACCORDANCE WITH THE CONDITIONS OF APPLICABLE NPDES PERMITS. PERMITTING REQUIRED, CONTRACTOR TO PROCURE BEFORE WORK BEGINS.
10. ALL TEMPORARY EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE REMOVED AND DISPOSED OF WITHIN THIRTY (30) DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY PRACTICES ARE NO LONGER NEEDED. TRAPPED SEDIMENT SHALL BE PERMANENTLY STABILIZED TO PREVENT FURTHER EROSION.
11. THE ENVIRONMENTAL PROTECTION PLAN SHALL BE RETAINED ON-SITE AT ALL TIMES DURING THE PERIOD OF CONSTRUCTION.
12. SHOULD A TOPSOIL STOCKPILE REMAIN IN PLACE FOR MORE THAN 3 DAYS, EROSION CONTROL MEASURES SHALL BE PROVIDED BY THE CONTRACTOR.
13. ALL EROSION AND SEDIMENTATION CONTROL SHALL CONFORM TO LOCAL ORDINANCES AND ILLINOIS URBAN MANUAL.
14. CONTRACTOR SHALL ADHERE TO STORM WATER POLLUTION PREVENTION PLAN AS REQUIRED BY NPDES PERMIT.



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#### GENERAL NOTES:

1. PROVIDE 45 DEGREE BENDS FOR WATERMAIN & FIRE MAIN RELOCATION TO MAINTAIN 10 FT MIN. CLEARANCE BETWEEN WATERMAIN AND SANITARY MANHOLE.
2. THE UNDERDRAINS THAT ARE WITHIN THE PLANTERS ARE TO BE CONNECTED TO PROPOSED STORM SEWER SYSTEM.
3. ALL PIPE AND FITTINGS AND RESPECTIVE THRUST BLOCK RESTRAINTS SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS, AWWA AND LOCAL/STATE REQUIREMENTS.
4. EXISTING LINES ARE IN POOR CONDITION, CONTRACTOR SHALL REPLACE UP TO TWO SEGMENTS OF EXISTING PIPE IF NECESSARY, FOR TIE-IN.

#### SANITARY INFORMATION

- 35.8' 4" PVC SAN SERVICE @ 11.8%
- SW-301 MH  
RIM=415.8  
4" FL=403.65  
PROVIDE DROP CONNECTION FOR SANITARY SERVICE

#### STORM INFORMATION

- 27' 8" A2000 PVC ROOF DRAIN COLLECTOR @ 12.00%
- TYPE B CO  
RIM=416.0  
8" FL UP=410.1  
12" FL UP=408.21  
12" FL DOWN=408.0
- 59.6" 12" A2000 PVC STORM SEWER @ 3.00%
- TYPE B CO  
RIM=415.2  
12" FL UP=410.22  
12" FL DOWN=410.0
- 104.0' 12" A2000 PVC STORM SEWER @ 4.60%
- SW-512 INTAKE  
RIM=420.00  
12" FL DOWN=415.0
- 142.7' 12" A2000 PVC ROOF DRAIN COLLECTOR @ 1.24%
- TYPE B CO  
RIM=415.5  
12" FL UP=406.25  
12" FL DOWN=406.00
- 225' 12" A2000 PVC ROOF DRAIN COLLECTOR @ 4.00%
- TYPE B CO  
RIM=401.0  
12" FL UP=397.00  
12" FL DOWN=396.9
- 111.6' 12" A2000 PVC ROOF DRAIN COLLECTOR @ 7.76%
- SW-512 INTAKE (TO REPLACE EXISTING INLET)  
TOP=392.0  
12" FL UP=388.25  
15" FL UP=388.24 (ALTERNATE)  
18" FL DOWN=388.02
- 34.4' 18" A2000 PVC STORM SEWER @ 2.8% (TO REPLACE EXISTING 3" STORM)
- 244.6' 12" A2000 PVC ROOF DRAIN COLLECTOR @ 2.69% (BID ALTERNATE #2)
- SW-501 INTAKE  
T.O.C.=403.61  
12" FL UP=399.64  
15" FL UP=399.50 (BID ALTERNATE #2)
- 81.1' 15" A2000 PVC STORM SEWER @ 6.0% (BID ALTERNATE #2)
- SW-501 INTAKE  
T.O.C.=399.75  
15" FL UP=394.63  
15" FL UP=394.50 (BID ALTERNATE #2)
- 39.1' 15" A2000 PVC STORM SEWER @ 16.0% (BID ALTERNATE #2)

\*\*NOTE: SEE DRAWING CS-101, FOR SITE UTILITIES AND LIMITS OF WATER LINES IN PROPOSED BUILDING ADDITION.

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#### LEGEND

- PROPERTY LINE  
R.O.W. LINE  
EX. CONTOUR MAJOR  
EX. CONTOUR MINOR  
PROPOSED CONTOUR MAJOR (BASE)  
PROPOSED CONTOUR MINOR (BASE)  
PROPOSED CONTOUR MAJOR (ALT)  
PROPOSED CONTOUR MINOR (ALT)  
EX. WATER MAIN  
EX. FIRE PROTECTION LINE  
EX. FIRE HYDRANT  
EX. WATER VALVE  
PROP. FIRE PROTECTION LINE  
PROPOSED WATER MAIN  
EX. SANITARY SEWER LINE  
EX. SANITARY MANHOLE  
PROPOSED SANITARY SEWER LINE  
PROP. SW-301 SANITARY MANHOLE  
EX. STORM SEWER LINE  
EX. STORM MANHOLE  
PROPOSED STORM SEWER  
PROPOSED TYPE B CLEANOUT  
PROPOSED SW-503 STORM INLET  
PROPOSED SW-512 STORM INLET  
EX. ELECTRIC LINE

#### CONSULTANTS:



**Landmark**  
ENGINEERING GROUP  
3440 38th Avenue - Suite 4  
PHONE: (309) 755-3440  
FAX: (309) 755-5522  
MOLINE, IL 61265  
CIVIL ENGINEERING AND LAND SURVEYING  
DESIGN FIRM REGISTRATION NUMBER 184-001511

#### ARCHITECT/ENGINEERS:

**CANNONDESIGN**

1100 Clark Avenue  
St. Louis, Missouri 63102  
T: 314.241.6250  
F: 314.241.2570

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Drawing Title

**SITE UTILITIES**

Approved: Project Director

Project Title

**John J. Pershing VAMC  
Clinical & Urgent Care Addition**

Location

**Poplar Bluff Missouri**

Date

**DECEMBER 14, 2015**

Checked

**GLM**

Drawn

**HLG**

Project Number

**657-351**  
CANNON DESIGN PROJECT NO. 03800.05  
Building Number

Drawing Number

**CS-103**

Dwg. of

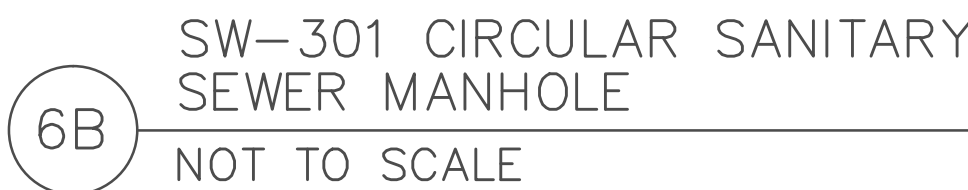
Office of  
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and Facilities  
Management

Department of  
Veterans Affairs









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Veterans Affairs